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Quiescin Q6 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58435

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	O00391
Reactivity	Rat, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	82578

Additional Information

Gene ID	5768
Other Names	Sulfhydryl oxidase 1, hQSOX, 1.8.3.2, Quiescin Q6, QSOX1, QSCN6 {ECO:0000303|PubMed:9878249}
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	QSOX1
Synonyms	QSCN6 {ECO:0000303|PubMed:9878249}
Function	Catalyzes the oxidation of sulfhydryl groups in peptide and protein thiols to disulfides with the reduction of oxygen to hydrogen peroxide (PubMed:17331072, PubMed:18393449, PubMed:23704371, PubMed:23867277, PubMed:30367560). Plays a role in disulfide bond formation in a variety of extracellular proteins (PubMed:17331072, PubMed:22801504, PubMed:23867277, PubMed:30367560). In fibroblasts, required for normal incorporation of laminin into the extracellular matrix, and thereby for normal cell-cell adhesion and cell migration (PubMed:23704371, PubMed:23867277, PubMed:30367560).
Cellular Location	[Isoform 1]: Golgi apparatus membrane; Single-pass membrane protein. Secreted. Note=A small proportion is secreted, probably via a proteolytic cleavage that removes the membrane anchor
Tissue Location	Expressed in heart, placenta, lung, liver, skeletal muscle, pancreas and very weakly in brain and kidney {ECO:0000269|PubMed:10708601,

ECO:0000269|Ref.8}

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.